

**MURRAY CITY  
SINGLE FAMILY RESIDENTIAL  
PLAN SUBMITTAL REQUIREMENTS**

Permit Application # \_\_\_\_\_

Name of  
Applicant \_\_\_\_\_  
Building Address or Lot # \_\_\_\_\_

In order to expedite your plan review, please check your plans and application to be sure the following information has been included. When each of the items has been checked by you, sign the bottom of the form and have the Permit Specialist verify that all needed information is included. Submit the form with your application, plan review deposit, and two (2) sets of plans for Building Department review. NOTE: APPLICATIONS FOR BUILDING PERMITS CANNOT BE ACCEPTED FOR PLAN REVIEW UNTIL THE SUBMITTAL IS COMPLETE.

**\*COMMUNITY DEVELOPMENT APPROVAL**

\_\_\_ Approval signature from Planning and Zoning

**\*PLAN REVIEW DEPOSIT**

\_\_\_ Plan review deposit of \$200.00 (will be credited toward total permit fee)

**\*BUILDING PERMIT APPLICATION**

- \_\_\_ Date of application
- \_\_\_ Proposed use of structure
- \_\_\_ Project address
- \_\_\_ Subdivision and lot number
- \_\_\_ Owner of property, phone number, and address
- \_\_\_ Contractor's name, phone number, address, and contractor's state license number for:
  - \_\_\_ General contractor - attach copy of license
  - \_\_\_ Electrical contractor - attach copy of license
  - \_\_\_ Plumbing contractor - attach copy of license
  - \_\_\_ Mechanical contractor - attach copy of license
- \_\_\_ Type of improvement/kind of construction
- \_\_\_ Signature of owner, contractor, or authorized agent with date signed

### **\*SITE PLAN**

- ☐ Drawn to scale with scale indicated (1"=20" or larger)
- ☐ North arrow
- ☐ Lot dimensions--all sides
- ☐ Size and location of any easements or right-of-ways
- ☐ Names and locations of all adjacent streets
- ☐ Locations of proposed and existing structures
- ☐ Setback dimensions--front, rear, and all sides
- ☐ Outside building dimensions and distances between buildings on building site
- ☐ Driveways, exterior stairs, landings, patios, and decks
- ☐ Relative elevations of top of foundation and lot corners
- ☐ Proximity of building to any slopes greater than 3 horizontal to 1 vertical showing steepness and height of slope
- ☐ Location, type, and elevation of any retaining walls

### **BUILDING PLANS**

- ☐ Drawn to scale with scale indicated (1/4"=1' or larger)
- \* ☐ Identify options which will be used on plans and cross out any options shown on plan not to be used
- ☐ Footing plan with all continuous and spot footing sizes, location, and reinforcement
- ☐ Floor plan layouts and use of all rooms (include future uses)
  - ☐ Main floor
  - ☐ Second story
  - ☐ Basement (indicate portions finished or unfinished)
  - ☐ Garage/carport
- ☐ Dimensions for overall length and width
- ☐ Complete dimensions of all rooms, decks, porches, landings, stairs, cantilevers, bearing walls, and column locations
- ☐ Ceiling heights all levels
- ☐ Sizes and types of doors
- ☐ Sizes and types of windows (showing required safety glazing)
- ☐ Window well dimensions for emergency escape windows below grade
- ☐ Fire separation between house and garage
- ☐ Stairway landings, rise, run, handrail, and headroom heights for interior and exterior stairs
- ☐ Guardrail height and pattern
- ☐ Building elevations (exterior views)
  - ☐ Front
  - ☐ Rear

- \_\_\_ All sides
- \_\_\_ Finish grade line on all sides
- \_\_\_ Depth of footings below finish grade
- \_\_\_ Pitch of roof
- \_\_\_ Finish materials
- \_\_\_ Attic ventilation and access
- \_\_\_ Crawl space ventilation and access
- \_\_\_ Cross sections drawn SPECIFICALLY for this structure with materials to be used
  - \_\_\_ Typical footing size, depth, and reinforcement
  - \_\_\_ Foundation wall height, thickness, and reinforcement
  - \_\_\_ Foundation sill and anchor bolts
  - \_\_\_ Wall material, stud size and spacing, wall sheathing, interior finish, weather barrier, exterior finish, and masonry veneer
  - \_\_\_ Floor sheathing
  - \_\_\_ Solid blocking
  - \_\_\_ Roofing material and sheathing
- \_\_\_ Framing details
  - \* \_\_\_ Braced wall panel locations, methods, materials, and details for homes that qualify as conventional construction
  - OR
  - \* \_\_\_ STRUCTURAL ENGINEER'S STAMP, SIGNATURE, AND DATE ON CALCULATIONS FOR HOMES WITHOUT ADEQUATE BRACED WALL PANELS TO QUALIFY AS CONVENTIONAL CONSTRUCTION AND HOMES OF UNUSUAL SHAPE AND/OR SIZE. (All details indicated by calculations must be clearly shown on an engineer's summary sheet and on the plans, or plan shall be stamped, signed, and dated by the engineer. Plans must show shear walls, hold-downs, etc., as required by engineering.)
  - \_\_\_ Grade and species of lumber
  - \_\_\_ Size and material of all beams, headers, and columns
  - \_\_\_ Rafter size, spacing, spans, and ties and/or truss layout
  - \_\_\_ Joist size, spacing, and spans
- \_\_\_ Bearing wall construction
- \_\_\_ Insulation R-factors for walls, attics, and floors over unheated spaces
- \_\_\_ Masonry fireplace and chimney details with reinforcement

## ELECTRICAL DETAILS

- \_\_\_ All light and fan locations
- \_\_\_ GCFI's indicated
- \_\_\_ Smoke detector locations

## PLUMBING DETAILS

- \_\_\_ Location of all plumbing fixtures including layout for future fixtures
- \_\_\_ Floor drains, water heater, clothes washer and dryer locations

## MECHANICAL DETAILS

- \_\_\_ Furnace location
- \_\_\_ Combustion air location
- \* \_\_\_ Mechanical sizing information-use attached form

## ENERGY ANALYSIS

- \* \_\_\_ Energy analysis or completed "Energy Checklist" form (attached) or a MECheck computer printout

My signature below indicates that I have carefully reviewed the plans and verified that all of the items above have been included. **I understand that failure to provide needed information at this time will delay the processing of my permit.**

\* \_\_\_\_\_  
Applicant's Signature                      Date

\* \_\_\_\_\_  
Building Inspection Division              Date  
Acceptance

A "SUMMARY OF COMMON REQUIREMENTS FOR RESIDENTIAL CONSTRUCTION" and a plan check list are available upon request.

If you need assistance from a building inspector, please make an appointment so we can spend some time with you to answer questions related to the "summary".

**NOTE: SEWER AND WATER CONNECTION FEES MUST BE PAID AT THE TIME PERMIT IS ISSUED.**

## MURRAY CITY ENERGY CHECKLIST/RESIDENTIAL

If an energy analysis is not provided, this form shall be filled out so we can complete the plan review. All buildings shall comply with the Model Energy Code.

<u>BUILDING COMPONENT</u>	<u>INSULATION VALUE</u>	<u>AREA/PERIMETER</u>
CEILING WITH ATTIC	R-VALUE=_____	_____ SQ.FT.
CEILING WITHOUT ATTIC	R-VALUE=_____	_____ SQ.FT.
EXTERIOR WALL (less window area)	R-VALUE=_____	_____ SQ.FT.
GLAZING (to include basement windows)	U-VALUE=_____	_____ SQ.FT.
(If basement walls are insulated)	U-VALUE=_____	_____ SQ.FT.
EXTERIOR DOORS	R-VALUE=_____	_____ SQ.FT.
FLOORS (over unheated spaces)	R-VALUE=_____	_____ SQ.FT.
(over outdoor air)	R-VALUE=_____	_____ SQ.FT.
SLABS (not basement)	R-VALUE=_____	_____ LIN.FT.
BASEMENT WALLS (if floor over unheated space is not insulated)	R-VALUE=_____	_____ LIN.FT.

FURNACE:

MAKE: \_\_\_\_\_  
 MODEL: \_\_\_\_\_  
 EFFICIENCY RATING: \_\_\_\_\_

# MURRAY CITY BUILDING INSPECTION

4646 S 500 W - MURRAY CITY UT 84123

(801) 270-2431 - (801) 270-2414 (Fax)

## MECHANICAL SIZING INFORMATION

PERMIT NUMBER: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ LOT NUMBER: \_\_\_\_\_

NAME OF CONTRACTOR/DESIGNER: \_\_\_\_\_

PHONE NUMBER: (\_\_\_\_) \_\_\_\_\_ FAX NUMBER: (\_\_\_\_) \_\_\_\_\_

1. VENT HEIGHT: \_\_\_\_\_

2. **BOILER OR FURNACE** INPUT RATING: Min.(Derated\*) \_\_\_\_\_ Max.(Plate Rating) \_\_\_\_\_

CONNECTOR RISE: \_\_\_\_\_ CONNECTOR RUN: \_\_\_\_\_

CONNECTOR SIZE: \_\_\_\_\_

NO. & DEGREE ELBOWS BEYOND TWO 90° \_\_\_\_\_

2a. **BOILER OR FURNACE #2** INPUT RATING: Min.(Derated\*) \_\_\_\_\_ Max.(Plate Rating) \_\_\_\_\_

CONNECTOR RISE: \_\_\_\_\_ CONNECTOR RUN: \_\_\_\_\_

CONNECTOR SIZE: \_\_\_\_\_

NO. & DEGREE ELBOWS BEYOND TWO 90° \_\_\_\_\_

3. **WATER HEATER** INPUT RATING: \_\_\_\_\_

CONNECTOR RISE: \_\_\_\_\_ CONNECTOR RUN: \_\_\_\_\_

CONNECTOR SIZE: \_\_\_\_\_

NO. & DEGREE ELBOWS BEYOND TWO 90° \_\_\_\_\_

3a. **WATER HEATER #2** INPUT RATING: \_\_\_\_\_

CONNECTOR RISE: \_\_\_\_\_ CONNECTOR RUN: \_\_\_\_\_

CONNECTOR SIZE: \_\_\_\_\_

NO. & DEGREE ELBOWS BEYOND TWO 90° \_\_\_\_\_

4. TOTAL BTU INPUT OF ALL APPLIANCES: \_\_\_\_\_

5. COMMON VENT SIZE FOR THE SYSTEM: \_\_\_\_\_

6. COMBUSTION AIR SIZE (METHOD USED): \_\_\_\_\_

\* Deration multiplier for Murray area (.83)

**NOTE:** IF A MANIFOLD IS USED TO CONNECT THE APPLIANCES ON THE HORIZONTAL IT SHALL BE THE SAME SIZE AS THE VENT

**PROVIDE COMPLETE GAS PIPE LAYOUT AND SIZING DETAIL ON REVERSE SIDE.**

**THIS FORM MUST BE COMPLETED AND APPROVED**

**SUPPLY TWO COPIES**

TO THE BEST OF MY KNOWLEDGE, I CERTIFY THAT THE INFORMATION CONTAINED WITHIN THIS DOCUMENT IS TRUE AND CORRECT AND MEETS THE REQUIREMENTS OF THE CURRENTLY ADOPTED MECHANICAL CODE

ALL APPLIANCES REQUIRED BY MANUFACTURER TO BE DERATED/ALTITUDE ADJUSTED HAVE BEEN/WILL BE COMPLETED.

\_\_\_\_\_  
SIGNATURE OF CONTRACTOR/DESIGNER

\_\_\_\_\_  
SIGNATURE OF CONTRACTOR/DESIGNER

\_\_\_\_\_  
DATE

\_\_\_\_\_  
DATE